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IPC - Requirements file

25X1A

14 May 1969

[redacted]

The attached OCS Ops Division notice refers to their latest advances in time sharing. Categories A through E represent five priorities where A is the highest.

Category A programs are generally run on the prime shift. Presumably, Category E would be handled during the graveyard shift, as would those exceeding 320K bytes of core.

There are various reasons for Mr. Briggs' limitations. All of them relate to the time sharing mode. A few are as follows:

1. Dynamic core (re) allocation;

2. Paging;

3. Quantum (time slice) and polling;

4. Maintaining records of the true time CPU is working on the various programs enables the processing organization to arrive at accurate charge figures.

It does not affect anybody in DD/S at this time, though there will be an affect on SIPS. We have no worry there, however, because the programmers will do their work within the procedure.

We could tell the office IPCs, but I doubt that they would understand it without rather technical explanation.

I have coordinated the above with 25X1A [redacted]

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